

# NEBRASKA WEATHER & CROPS

For Week Ending June 28, 1992

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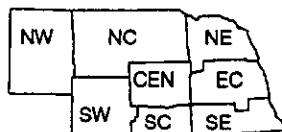
Phone: (402) 437-5541

Location: 273 Federal Bldg.

P.O. Box 81069

Lincoln, NE 68501

National Agricultural Statistics Service  
U.S. Department of Agriculture  
and U.S. Department of Commerce  
National Oceanic and Atmospheric Admin  
National Weather Service



Run 1200  
6/29/92  
NEBRASKA  
AGRICULTURAL  
STATISTICS  
SERVICE

Nebraska Department of Agriculture  
Division of Agr'l. Statistics  
Cooperative Extension Service  
Institute of Agriculture  
and Natural Resources-UN-L

## WEATHER

Temperatures averaged near normals in the west and four degrees below normals over the remainder of the State. Scattered precipitation occurred throughout the week with amounts varying from a tenth of an inch in the east up to 2.65 inches in the west.

## GENERAL

Rainfall this past week limited fieldwork but continued to improve pastures, according to the Nebraska Agricultural Statistics Service. Warmer temperatures last week aided crop growth and wheat to ripen. Previous cooler temperatures have held crop development from a few days to two weeks behind normal. Preparations for irrigation were underway as well as some systems already pumping water.

## CROPS

Wheat condition was rated at 15% very poor, 31% poor, 41% fair, and 13% good. Warmer temperatures last week helped put virtually all wheat into the turning color stage of maturity, ahead of last year and average. About 11% of the crop has ripened, behind last year at 34% and the 5-year average at 37%. Some limited harvesting has begun in various areas of southern districts. These test harvestings are well behind last year at this time with 17% cut for grain and the average at 15%. Rainfall hindered the start in some areas while others wait for the wheat to fully ripen.

## CROPS (Cont.)

Corn condition was rated at 7% poor, 26% fair, 64% good, and 3% excellent. Cultivation and chemical weed control activities continued where surface conditions permitted. Hilling and ditching activities also continued in anticipation of starting up irrigation systems.

Soybean condition was rated at 1% poor, 18% fair, 79% good, and 2% excellent. Cultivation activities continued where possible.

Sorghum condition was rated at 5% poor, 31% fair, 63% good, and 1% excellent. Chinch bug activity was reported in the East Central and Southeast Districts. Some recently storm-damaged corn has been replanted to grain sorghum. Drilling forage sorghum for feed continued active.

Ditching and other irrigation preparations were underway in the Panhandle for dry beans and sugar beets.

Alfalfa condition was rated at 3% poor, 38% fair, 53% good, and 6% excellent. Potato leaf hoppers were observed in the East Central District at several locations. Second cutting activities progressed well and were ahead of last year and near average. Wild hay condition was rated at 4% poor, 52% fair, 42% good, and 2% excellent.

## LIVESTOCK

Pasture and range condition was rated at 87% of normal and compares with 94% of normal last year at this time. Flies are becoming a problem for cattle in the Southwest District.

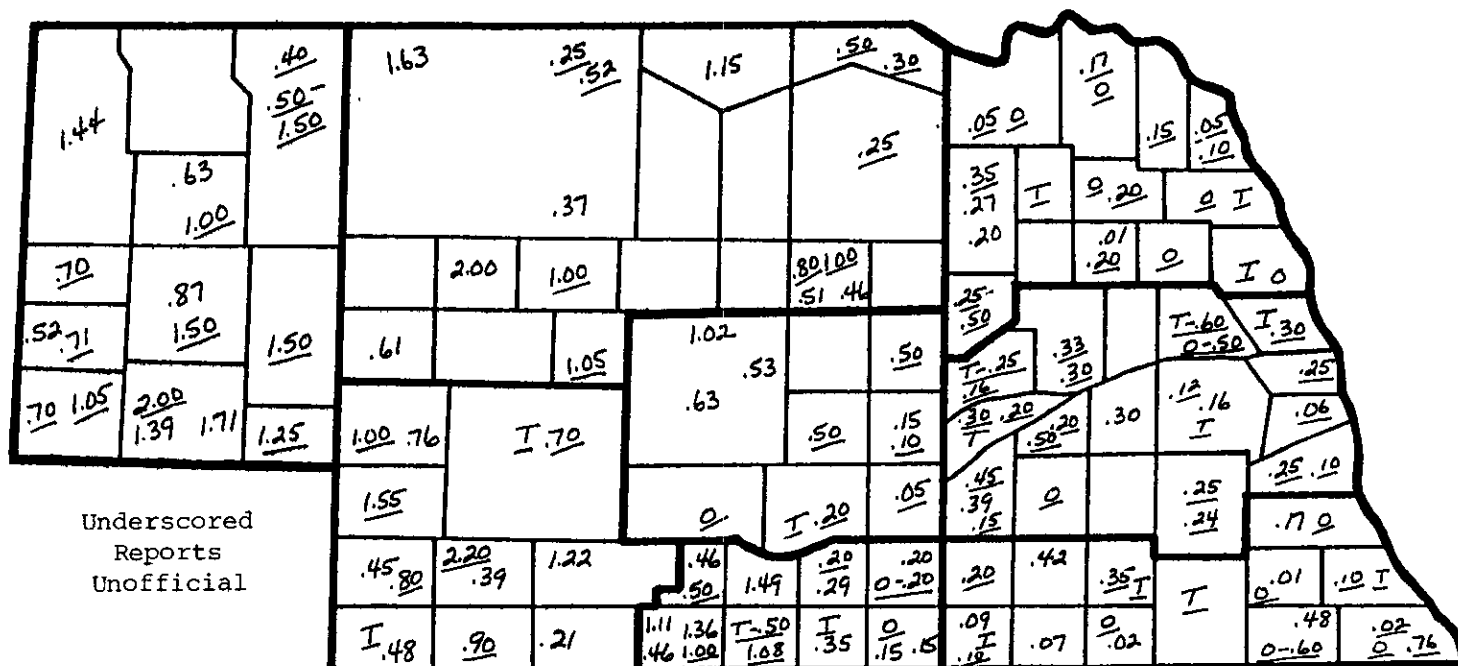
FIELD WORK PROGRESS AS OF JUNE 28, 1992	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% wheat turning	100	100	64	100	100	100	100	100	100	74	89	90
% wheat ripe	2	0	0	3	9	21	22	6	11	1	34	37
% soybeans blooming	0	0	0	0	4	0	0	0	1	0	5	4
% alfalfa second cutting	3	6	5	6	13	10	15	19	8	2	5	9
DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF JUNE 26, 1992												
Days suitable	41	55	61	63	64	43	59	67	58	3.6	62	
Topsoil moisture - Short	0	0	11	57	17	0	27	44	19	6	39	
(Percent) - Adequate	93	100	89	43	83	100	73	56	80	87	58	
- Surplus	7	0	0	0	0	0	0	0	1	7	3	
Subsoil moisture - Short	36	9	5	29	4	44	20	17	17	21	15	
(Percent) - Adequate	64	91	95	71	96	56	80	83	83	78	82	
- Surplus	0	0	0	0	0	0	0	0	0	1	3	

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PRECIPITATION MAP FOR WEEK ENDING FRIDAY, JUNE 26, 1992



PRECIPITATION, APRIL 1 - JUNE 26, 1992

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week .....	1.09	.97	.12	.58	.21	.59	.60	.18
Total since April 1 .....	5.23	6.26	7.62	6.28	8.23	4.44	5.30	7.69
Normal since April 1 .....	7.47	8.64	9.97	9.37	10.51	7.83	9.29	10.55

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA,  
WEEK ENDING SUNDAY, JUNE 28, 1992

Station		Temperature				Precipitation	Growing Degree Data Since April 15		
		Extremes		Mean	Departure	Total Inches 1/	Last Week	Current	Normal
		Max	Min						
NW	Chadron	85	55	70	---	2.65	---	---	---
	Scottsbluff	90	54	70	0	1.04	849	985	904
	Sidney	---	---	---	---	---	801	945	902
NC	Valentine	86	52	68	-3	.22	789	911	904
NE	Norfolk	88	49	69	-4	.13	---	---	---
	Sioux City	87	49	69	-4	.15	---	---	---
	Concord	---	---	---	---	---	818	949	1082
	Elgin	---	---	---	---	---	757	886	1031
	West Point*	---	---	---	---	---	843	982	1113
CEN	Grand Island	87	52	70	-4	.20	856	997	1079
	Ord	86	57	71	---	.19	819	952	1083
EC	Lincoln	91	51	72	-3	.13	936	1079	1139
	Omaha	87	53	71	-3	.06	910	1050	1075
	Columbus	---	---	---	---	---	882	1012	1111
	York	---	---	---	---	---	875	1020	1160
SW	Imperial	91	53	72	---	---	---	---	---
	North Platte	90	50	70	-1	.48	**804	**937	**1020
SC	Holdrege	---	---	---	---	---	858	995	1138
SE	Beatrice	---	---	---	---	---	892	1034	1244
	Clay Center	---	---	---	---	---	854	994	1166

1/ Precipitation totals not included in map above. \*Automated weather station. \*\*West Central Research & Extension Center.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.